

PARASITES OF TASMANIAN NATIVE AND FERAL FAUNA

PART 11, HELMINTHES

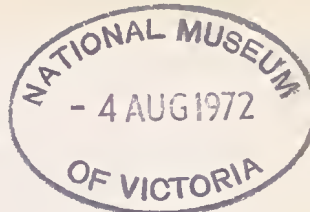
by

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PREFACE

This checklist has been compiled from personal records and published literature for workers interested in the distribution of parasites of native and feral fauna.

As neither of the authors are parasitologists omissions and errors in classification probably have occurred despite valuable assistance proved by others. Comments and correction will be welcomed.

The notation used places the name of the author of the parasite after the parasite's name, and a reference to the Tasmanian occurrence of the parasite after the host's name.

The list contains only those parasites collected directly from the host.

An asterisk (\*) indicates only a tentative determination.

	<u>PARASITE</u>	<u>HOST</u>
Phylum	PLATYHELMINTHES	
Class	TREMATODA	
Order	<u>DIGenea</u>	
Family	BUCEPHALIDAE	
Genus	<i>Telorchynchus</i>	
	<i>T. arripidis</i> Crowcroft, 1947	<i>Arripis trutta</i> ; Crowcroft, 1947b
Family	FELLODISTOMATIDAE	
Genus	<i>Lintonium</i>	
	<i>L. vibex</i> Linton, 1900	<i>Navodon setosus</i> ; Crowcroft, 1950 <i>Penicipelta guntheri</i> ; Crowcroft, 1950
Family	PLAGIORCHIDAE	
Genus	<i>Dolichoperoides</i>	
	<i>D. macalpinii</i> Nicol, 1914	<i>Notechis scutatus</i> ; Crowcroft, 1949

	<u>PARASITE</u>	<u>HOST</u>
Family	DICROCOELIIDAE	
	DICROCOELIIDAE (? g., sp.,)	<i>Corvus tasmanicus</i> ; pers. com. Angel.
Genus	<i>Paradistomum</i>	
	<i>P. sp.</i>	<i>Leiolopisma trilineatum</i> ; pers.com.Angel.
Family	NOTOCOTYLIDAE	
	NOTOCOTYLIDAE (? g. sp.,)	<i>Anas platyrhynchos</i> ; pers. com. Angel.
Family	FASCIOLIDAE	
Genus	<i>Fasciola</i>	
	<i>F. hepatica</i> Linnaeus, 1758	<i>Macropus rufogriseus</i> ; Howkins, 1966
Genus	<i>Athesmia</i>	
	<i>A. sp.</i>	<i>Rattus norvegicus</i> ; Munday, 1966
Family	ALLOCREADIIDAE	
Genus	<i>Helicometra</i>	
	<i>H. fasciata</i> (Rudolph, 1819)	<i>Neosebastes thetidis</i> ; Crowcroft, 1946b
	<i>H. bassensis</i> Woolcock, 1935	<i>Platycephalus bassensis</i> ; Crowcroft, 1946b
	<i>H. neosebastodis</i> Crowcroft, 1947	<i>Neosebastes thetidis</i> ; Crowcroft, 1947b
Genus	<i>Coitocaecum</i>	
	<i>C. parvum</i> Crowcroft, 1944	<i>Pseudaphritis bursinus</i> ; Crowcroft, 1944 <i>Galaxias attenuatus</i> ; Crowcroft, 1944
	<i>C. anaspidis</i> Hickman, 1934	<i>Anaspides tasmaniae</i> ; Hickman, 1934
Genus	<i>Opecoelus</i>	
	<i>O. tasmanicus</i> Crowcroft, 1946	<i>Latridopsis forsteri</i> ; Crowcroft, 1946b
Genus	<i>Gnathomyzon</i>	
	<i>G. insolens</i> Crowcroft, 1944	<i>Pseudolabrus tetricus</i> ; Crowcroft, 1944
Family	HEMIURIDAE	
Genus	<i>Derogenes</i>	
	<i>D. crassus</i> Manter	<i>Physiculus barbatus</i> ; Crowcroft, 1946b

	<u>PARASITE</u>	<u>HOST</u>
Genus	<i>Parahemiurus</i>	
	<i>P. lovettae</i> Crowcroft, 1946	<i>Lovettia sealii</i> ; Crowcroft, 1946b
	<i>P. australis</i> Woolcock, 1935	<i>Physiculus barbatus</i> ; Crowcroft, 1946b
Genus	<i>Hemiperina</i>	
	<i>H. manteri</i> Crowcroft, 1946	<i>Latridopsis forsteri</i> ; Crowcroft, 1946b <i>Psilocranium nigricans</i> ; Crowcroft, 1946b
Genus	<i>Sternrhurus</i>	
	<i>S. macrorchis</i> Crowcroft, 1945	<i>Physiculus barbatus</i> ; Crowcroft, 1945
Family	SYNCOELIIDAE	
Genus	<i>Copiatestes</i>	
	<i>C. thyrstae</i> Crowcroft, 1947	<i>Thyrstites atun</i> ; Crowcroft, 1947a
Family	BIVESICULIDAE	
Genus	<i>Bivesicula</i>	
	<i>B. australis</i> Crowcroft, 1946	<i>Neosebastes thetidis</i> ; Crowcroft, 1946b
Family	MICROPHALLIDAE	
	MICROPHALLIDAE (? g., sp.,)	<i>Charadrius alexandrinus</i> ; pers.com.Angel.
Genus	<i>Maritrema</i>	
	<i>M. ornithorhynchi</i> Hickman, 1955	<i>Ornithorhynchus anatinus</i> ; Hickman, 1955
Family	STRIGEIDAE	
	STRIGEIDAE (? g., sp.,)	<i>Accipiter cirrocephalus</i> ; pers.com.Angel.
Genus	<i>Fibricola</i>	
	<i>F. sarcophila</i> Sandars, 1957	<i>Sarcophilus harrisi</i> ; Sandars, 1957
Genus	<i>Alaria</i>	
	<i>A. sp.</i>	<i>Sarcophilus harrisi</i> ; Cameron, 1931
Family	ECHINOSTOMATIDAE	
	ECHINOSTOMATIDAE (? g., sp.,)	<i>Pluvialis dominica</i> ; pers. com. Mawson. <i>Synoicus australis</i> ; pers. com. Mawson. <i>Dacelo gigas</i> ; pers. com. Mawson.

	<u>PARASITE</u>	<u>HOST</u>
Class	CESTODA CESTODA (? o., f., g., sp.,)	<i>Thylacinus cynocephalus</i> ; Ransom, 1907 <i>Anas platyrhynchos</i> ; pers. com. Mawson. <i>Anas superciliosus</i> ; pers. com. Mawson. <i>Lobibyx novaehollandiae</i> ; pers. com. Mawson. <i>Malurus cyaneus</i> ; pers. com. Mawson. <i>Zosterops lateralis</i> ; pers. com. Mawson. <i>Charadrius alexandrinus</i> ; pers. com. Mawson. <i>Oxyura australis</i> ; pers. com. Mawson. <i>Accipiter cirrocephalus</i> ; pers. com. Mawson. <i>Falco berigora</i> ; pers. com. Mawson. <i>Corvus tasmanicus</i> ; pers. com. Mawson. <i>Puffinus tenuirostris</i> ; pers. com. Mawson.
Order	<u>TETRAPHYLLIDEA</u>	
Family	PHYLLOBOTHRIIDAE	
Genus	<i>Anthobothrium</i> <i>A. hickmani</i> Crowcroft, 1946	<i>Narcine tasmaniensis</i> ; Crowcroft, 1946a
Order	<u>CYCLOPHYLLIDEA</u> <u>CYCLOPHYLLIDEA</u> (? f., g., sp.,)	<i>Diomedea melanophris</i> ; pers. com. Spratt.
Family	ANOPLOCEPHALIDAE ANOPLOCEPHALIDAE (? g., sp.,)	<i>Tachyglossus aculeatus</i> pers. com. Spratt.
Genus	<i>Progamotaenia</i> <i>P. festiva</i> (Rudolphi, 1819) <i>P. diaphana</i> (Zschokke, 1907) <i>P. sp.</i>	<i>Macropus giganteus</i> ; Howkins, 1966 <i>Vombatus ursinus</i> ; Mackerras, 1958 <i>Vombatus ursinus</i> ; pers. com. Beveridge.
Genus	<i>Linstowia</i> <i>L. echidnae</i> Thompson, 1893 <i>L. tasmanica</i> Spasskii, 1951	<i>Tachyglossus aculeatus</i> ; Mackerras, 1958 <i>Tachyglossus aculeatus</i> ; Spasskii, 1951
Genus	<i>Bertiella</i> <i>B. trichosuri</i> Khalil, 1970 <i>B. sp.</i>	<i>Trichosurus vulpecula</i> ; pers. com. Beveridge. <i>Pseudocheirus peregrinus</i> ; pers. com. Spratt.
Family	TAENIIDAE	

	<u>PARASITE</u>	<u>HOST</u>
Genus	<i>Echinococcus</i>	
	<i>E. granulosus</i> Batsch, 1786	<i>Macropus rufogriseus</i> ; pers. com. Ryan.
Genus	<i>Anoploetaenia</i>	
	<i>A. dasyuri</i> Beddard, 1911	<i>Sarcophilus harrisi</i> ; Beddard, 1911
Genus	<i>Dasyurotaenia</i>	
	<i>D. robusta</i> Beddard, 1912	<i>Dasyurus maculatus</i> ; Sandars, 1957 <i>Sarcophilus harrisi</i> ; Beddard, 1912
Genus	<i>Taenia</i>	
	<i>T. taeniaeformis</i> (Batsch, 1786)	<i>Pseudocheirus peregrinus</i> ; Munday unpublished. <i>Pseudomys higginsii</i> ; Munday, 1966 <i>Rattus lutreolus</i> ; Munday, 1966 <i>Rattus norvegicus</i> ; Munday unpublished. <i>Hydromys chrysogaster</i> ; Munday, 1966 (Recorded as <i>T. serialis</i> in error)
	<i>T. serialis</i> (Gervais, 1847)	<i>Lepus europaeus</i> ; Munday, 1966
	<i>T. pisiformis</i> Bloch, 1780	<i>Oryctolagus cuniculus</i> ; pers. com. Gregory.
Family	DAVAINEIDAE	
Genus	<i>Calostaurus</i>	
	<i>C. macropus</i> (Ortlepp, 1922)	<i>Thylogale billardieri</i> ; pers. com. Beveridge.
	<i>C. sp.</i>	* <i>Potorous apicalis</i> ; pers. com. Beveridge.
Family	NEMATOTAENIIDAE	
Genus	<i>Nematotaenia</i>	
	<i>N. hylae</i> Hickman, 1960	<i>Crinia signifera</i> ; Hickman, 1960 <i>Hyla ewingii</i> ; Hickman, 1960
Genus	<i>Baerietta</i>	
	<i>B. crinia</i>	<i>Crinia tasmaniensis</i> ; Hickman, 1960
	<i>B. crinia minor</i>	<i>Crinia laevis</i> ; Hickman, 1960 <i>Crinia tasmaniensis</i> ; Hickman, 1960 <i>Crinia signifera</i> ; Hickman, 1960
Order	<u>PSEUDOPHILLIDEA</u>	
Family	DIPHYLLOBOTHRIIDAE	
	DIPHYLLOBOTHRIIDAE; SPARGANA (? g, sp.)	<i>Sarcophilus harrisi</i> ; Mackerras, 1958 <i>Hydromys chrysogaster</i> ; Munday, 1966

	<u>PARASITE</u>	<u>HOST</u>
Order	<u>PROTEOCEPHALIDEA</u>	
	<u>PROTEOCEPHALIDEA</u> (? f., g., sp.,)	<i>Crinia laevis</i> ; Hickman, 1960 <i>Crinia signifera</i> ; Hickman, 1960 <i>Limnodynastes peronii</i> ; Hickman, 1960
Phylum	ASCHELMINTHES	
Class	NEMATODA	
Order	<u>RHABDIASIDA</u>	
Family	<u>STRONGYLOIDIDAE</u>	
Genus	<i>Parastrongyloides</i>	
	<i>P. australis</i> Mawson, 1960	<i>Isoodon obesulus</i> ; Mawson, 1960 <i>Perameles gunnii</i> ; Mawson, 1960
	<i>P. sp.</i>	<i>Dasyurus viverrinus</i> ; pers. com. Mawson.
Order	<u>TRICHURIDA</u>	
Family	<u>TRICHURIDAE</u>	
Genus	<i>Capillaria</i>	
	<i>C. contorta</i> (Creplin, 1839)	<i>Corvus tasmanicus</i> ; pers. com. Mawson.
	<i>C. biloba</i> Linstow	<i>Lobibyx novaehollandiae</i> ; pers. com. Mawson.
	<i>C. spp.</i>	<i>Rallus pectoralis</i> ; pers. com. Mawson. <i>Isoodon obesulus</i> ; Mawson, 1960 <i>Perameles gunnii</i> ; Mawson, 1960
Genus	<i>Trichuris</i>	
	<i>T. peramelis</i> Baylis, 1932	<i>Isoodon obesulus</i> ; Mawson, 1960
	<i>T. sp.</i>	<i>Potorous apicalis</i> ; pers. com. Mawson.
Order	<u>STRONGYLIDA</u>	
Family	<u>STRONGYLIDAE</u>	
	<u>STRONGYLIDAE</u> (? g., sp.,)	* <i>Vombatus ursinus</i> ; pers. com. Beveridge.
Genus	<i>Macropostrongylus</i>	
	<i>M. sp.</i>	<i>Thylogale billardierii</i> ; pers. com. Mawson.
Genus	<i>Cloacina</i>	
	<i>C. mundayi</i> Mawson (in press)	<i>Macropus rufogriseus</i> ; Mawson (in press) <i>Thylogale billardierii</i> ; Mawson (in press)

	<u>PARASITE</u>	<u>HOST</u>
Genus	<i>Zoniolaimus</i> <i>Z. spp.</i>	<i>Macropus rufogriseus</i> ; pers. com. Mawson. <i>Thylogale billardierii</i> ; pers. com. Mawson.
Genus	<i>Labiostrongylus</i> <i>L. longispicularis</i> Wood, 1929 <i>Labiostrongylus eugenii</i> Johnston & Mawson, 1940	<i>Macropus giganteus</i> ; pers. com. Mawson. <i>Macropus rufogriseus</i> ; pers. com. Mawson. <i>Thylogale billardierii</i> ; pers. com. Mawson.
Genus	<i>Potoroststrongylus</i> <i>P. finlaysoni</i> Johnston & Mawson, 1939 <i>P. sp.</i>	<i>Potorous apicalis</i> ; pers. com. Mawson. <i>Bettongia gaimardi</i> ; pers. com. Mawson.
Genus	<i>Phascolostrongylus</i> <i>P. turleyi</i> Canavan, 1931	<i>Vombatus ursinus</i> ; pers. com. Beveridge.
Genus	<i>Pharyngoststrongylus</i> <i>P. sp.</i>	<i>Thylogale billardierii</i> ; pers. com. Mawson.
Genus	<i>Rugopharynx</i> <i>R. australis</i> (Monnig, 1926) <i>R. epsilon</i> Johnston & Mawson, 1938 <i>R. sp.</i>	<i>Macropus rufogriseus</i> ; pers. com. Mawson. <i>Thylogale billardierii</i> ; pers. com. Mawson <i>Macropus rufogriseus</i> ; pers. com. Mawson. <i>Thylogale billardierii</i> ; pers. com. Mawson.
Genus	<i>Pararugopharynx</i> <i>P. protemnodontis</i> Magzoub, 1964	<i>Macropus rufogriseus</i> ; pers. com. Mawson.
Genus	<i>Oesophagonastes</i> <i>O. kartana</i> Mawson, 1965	<i>Macropus rufogriseus</i> ; pers. com. Mawson.
Genus	<i>Eucyathostomum</i> <i>E. sp.</i>	<i>Vombatus ursinus</i> ; pers. com. Mawson.
Family	AMIDOSTOMATIDAE AMIDOSTOMATIDAE (? g., sp.,)	<i>Sarcophilus harrisii</i> ; pers. com. Mawson <i>Potorous apicalis</i> ; pers. com. Mawson. <i>Bettongia gaimardi</i> ; pers. com. Mawson. * <i>Vombatus ursinus</i> ; pers. com. Mawson.

	<u>PARASITE</u>	<u>HOST</u>
Genus	<i>Nicollina</i>	
	<i>N. sarcophilii</i> Cameron, 1931	<i>Sarcophilis harrisi</i> ; Cameron, 1931
	<i>N. iota</i> Mawson, 1960	<i>Isoodon obesulus</i> ; Mawson, 1960
	<i>N. spp.</i>	<i>Thylacinus cynocephalus</i> ; pers. com. Mawson. <i>Isoodon obesulus</i> ; Mawson, 1960 <i>Dasyurus viverrinus</i> ; pers. com. Mawson.
Genus	<i>Peramelistrongylus</i>	
	<i>P. skedastos</i> Mawson, 1960	<i>Isoodon obesulus</i> ; Mawson, 1960 <i>Perameles gunnii</i> ; Mawson, 1960
Genus	<i>Asymmetracantha</i>	
	<i>A. tasmaniensis</i> Mawson, 1960	<i>Isoodon obesulus</i> ; Mawson, 1960
Genus	<i>Globocephaloides</i>	
	<i>G. sp.</i>	<i>Macropus rufogriseus</i> ; pers. com. Mawson.
Genus	<i>Filarinema</i>	
	<i>F. spp.</i>	<i>Potorous apicalis</i> ; pers. com. Mawson. <i>Macropus rufogriseus</i> ; pers. com. Mawson.
Family	TRICHOSTRONGYLIDAE	
Genus	<i>Graphidium</i>	
	<i>G. strigosum</i> (Dujardin, 1845)	<i>Oryctolagus cuniculus</i> ; Munday, unpublished.
Genus	<i>Trichostrongylus</i>	
	<i>T. retortaeformis</i> (Zeder, 1800)	<i>Oryctolagus cuniculus</i> ; Munday, unpublished.
Genus	<i>Ostertagia</i>	
	<i>O. sp.</i>	<i>Cervus dama</i> ; pers. com. Arundel.
Genus	<i>Epomidiostomum</i>	
	<i>E. sp.</i>	<i>Anas platyrhynchos</i> ; pers. com. Mawson.
Family	METASTRONGYLIDAE	
Genus	<i>Metastrongylus</i>	
	<i>M. pudendodectus</i> (Wostokow, 1905)	<i>Sus scrofa</i> ; pers. com. Gregory.
Genus	<i>Filostrongylus</i>	
	<i>F. peramelis</i> Mackerras, 1955	* <i>Isoodon obesulus</i> ; pers. com. Spratt.



	<u>PARASITE</u>	<u>HOST</u>
Order	<u>ASCARIDIDA</u>	
Family	ASCARIDIDAE	
Genus	<i>Toxocara</i>	
	<i>T. cati</i> (Zeder, 1800)	<i>Felis catus</i> ; Munday, unpublished.
Genus	<i>Baylisascaris</i>	
	<i>B. tasmaniensis</i> Sprent, 1970	<i>Sarcophilus harrisi</i> ; Sprent, 1970 <i>Dasyurus maculatus</i> ; Sprent, 1970 <i>Dasyurus viverrinus</i> ; Sprent, 1970.
Genus	<i>Ophidascaris</i>	
	<i>O.</i> sp.	<i>Denisonia superba</i> ; pers. com. Mawson.
Genus	<i>Cotylasscaris</i>	
	<i>C. thylacini</i> Sprent, 1971	<i>Thylacinus cynocephalus</i> ; Sprent, 1971
Family	ANISAKIDAE	
	ANISAKIDAE (? g., sp.,)	<i>Diomedea melanophris</i> ; pers. com. Spratt.
Genus	<i>Contraeaeum</i>	
	<i>C. eudyptulae</i> Johnston & Mawson, 1942	<i>Eudyptula minor</i> ; Johnston & Mawson, 1942
	<i>C. gypsophacae</i> Johnston & Mawson, 1941	<i>Arctocephalus doriferus</i> ; Johnston & Mawson, 1941a
	<i>C. spiculigerium</i> (Rudolphi, 1809)	<i>Phalacrocorax carbo</i> ; pers. com. Spratt.
Genus	<i>Porrocaecum</i>	
	<i>P. clelandi</i> Johnston & Mawson, 1941	<i>Cinelosoma punctatum</i> ; Johnston & Mawson, 1941b
	<i>P. lobibicis</i> Mawson	<i>Lobibyx novaehollandiae</i> ; pers. com. Mawson.
Genus	<i>Stomachus</i>	
	<i>S.</i> spp.	<i>Pterodroma macroptera</i> ; pers. com. Mawson. <i>Diomedea chrysostoma</i> ; pers. com. Mawson. <i>Diomedea melanophris</i> ; pers. com. Mawson.
Family	OXYURIDAE	
	OXYURIDAE (? g., sp.,)	<i>Crinea tasmaniensis</i> ; pers. com. Mawson.

	<u>PARASITE</u>	<u>HOST</u>
Genus	<i>Passalurus</i>	
	<i>P. ambiguus</i> Rudolphi, 1819	<i>Oryctolagus cuniculus</i> ; Munday, unpublished.
Genus	<i>Macropoxyzuris</i>	
	<i>M. sp.</i>	<i>Macropus rufogriseus</i> ; pers. com. Mawson.
Genus	<i>Pharyngodon</i>	
	<i>P. sp.</i>	<i>Leiolopisma ocellatus</i> ; pers. com. Mawson.
Genus	<i>Parapharyngodon</i>	
	<i>P. sp.</i>	<i>Crinia tasmaniensis</i> ; pers. com. Mawson.
Genus	<i>Thelandros</i>	
	<i>T. sp.</i>	<i>Leiolopisma metallicum</i> ; pers. com. Mawson.
Family	SUBULURIDAE	
Genus	<i>Labiobulura</i>	
	<i>L. inglisi</i> Mawson, 1960	<i>Isoodon obesulus</i> ; Mawson, 1960 <i>Perameles gunnii</i> , Mawson, 1960
Family	SCHNEIDERNEMATIDAE	
Genus	<i>Echinonema</i>	
	<i>E. cinctum</i> (Linstow, 1898)	<i>Isoodon obesulus</i> ; pers. com. Mawson.
Order	<u>SPIRURIDA</u>	
	<u>SPIRURIDA</u> (? f., g., sp.,)	
		<i>Daption capense</i> ; pers. com. Spratt. <i>Pterodroma macroptera</i> ; pers. com. Spratt.
Family	SPIRURIDAE	
Genus	<i>Cyclospirura</i>	
	<i>C. heydoni</i> Baylis, 1927	<i>Dasyurus viverrinus</i> ; Mawson, 1968
Genus	<i>Cyathospirura</i>	
	<i>C. dasyuridis</i> Mawson, 1968	<i>Dasyurus viverrinus</i> ; Mawson, 1968
Genus	<i>Cyrnea</i>	
	<i>C. falco</i> Mawson	<i>Falco longipennis</i> ; pers. com. Mawson.
Genus	<i>Protospirura</i>	
	<i>P. muris</i> (Gmelin, 1970)	<i>Rattus rattus</i> ; pers. com. Spratt.

	<u>PARASITE</u>	<u>HOST</u>
Family	ASCAROPIDAE	
Genus	<i>Gongyloema</i>	
	<i>G. pulchrum</i> Molin, 1857	<i>Cervus dama</i> ; pers. com. Mawson.
	<i>G. sp.</i>	<i>Potorous apicalis</i> ; pers. com. Mawson.
Family	ACUARIIDAE	
Genus	<i>Acuaria</i>	
	<i>A. flindersi</i> Johnston & Mawson, 1941	<i>Falco berigora</i> ; Johnston & Mawson, 1941c
	<i>A. anthuris</i> (Rudolphi, 1819)	<i>Corvus tasmanicus</i> ; pers. com. Mawson.
Genus	<i>Cosmocephalus</i>	
	<i>C. australiensis</i> Johnston & Mawson, 1952	<i>Hydromys chrysogaster</i> ; Munday, 1966
Genus	<i>Skrjabinoclava</i>	
	<i>S. sp.</i>	<i>Charadrius alexandrinus</i> ; pers. com. Mawson.
Genus	<i>Seurattia</i>	
	<i>S. shipleyi</i> (Stossich, 1900)	<i>Pterodroma macroptera</i> ; pers. com. Mawson.
Family	TETRAMERERIDAE	
Genus	<i>Tetrameres</i>	
	<i>T. spp.</i>	<i>Anas platyrhynchos</i> ; pers. com. Mawson. <i>Charadrius alexandrinus</i> ; pers. com. Mawson. <i>Lobibyx novaehollandiae</i> ; pers. com. Mawson. <i>Tribonyx mortierii</i> ; pers. com. Mawson.
Genus	<i>Microtetrameres</i>	
	<i>M. spp.</i>	<i>Accipiter cirrocephalus</i> ; pers. com. Mawson. <i>Corvus tasmanicus</i> ; pers. com. Mawson.
Family	PHYSALOPTERIDAE	
Genus	<i>Physaloptera</i>	
	<i>P. hieracidae</i> Johnston & Mawson, 1941	<i>Falco berigora</i> ; Johnston & Mawson, 1941c
	<i>P. sarcophili</i> Johnston & Mawson, 1940	<i>Sarcophilus harrisi</i> ; Johnston & Mawson, 1940

	<u>PARASITE</u>	<u>HOST</u>
	<i>P. spp.</i>	<i>Rattus lutreolus</i> ; pers. com. Mawson. <i>Rattus rattus</i> ; pers. com. Mawson. <i>Rattus norvegicus</i> ; pers. com. Mawson. <i>Denisonia superba</i> ; pers. com. Mawson.
Genus	<i>Streptocara</i>	
	<i>S. crassicauda</i> (Creplin, 1829)	<i>Lobibyx novaehollandiae</i> ; pers. com. Mawson.
	<i>S. sp.</i>	<i>Charadrius alexandrinus</i> ; pers. com. Mawson.
		<i>Aythya australis</i> ; pers. com. Mawson.
Family	HEDRURIDAE	
Genus	<i>Hedruris</i>	
	<i>H. spp.</i>	<i>Hyla ewingii</i> ; pers. com. Mawson. <i>Crinia tasmaniensis</i> ; pers. com. Mawson. <i>Crinia signifera</i> ; pers. com. Mawson. <i>Leioloopsis metallica</i> ; pers. com. Mawson. <i>Leioloopsis trilineatum</i> ; pers. com. Mawson.
Family	DIPLOTRIAENIDAE	
Genus	<i>Diplotriaena</i>	
	<i>D. sp.</i>	<i>Anthochaera paradoxa</i> ; pers. com. Spratt.
Genus	<i>Serratospiculum</i>	
	<i>S. guttatum</i> (Schneider, 1866)	<i>Accipiter cirrocephalus</i> ; pers. com. Mawson. <i>Falco longipennis</i> ; pers. com. Mawson.
Family	APROCTIDAE	
	APROCTIDAE (? <i>g.</i> , <i>sp.</i> ,)	<i>Petroica multicolor</i> ; pers. com. Spratt.
Family	ONCHOCERCIDAE	
Genus	<i>Dirofilaria</i>	
	<i>D. roemeri</i> (Linstow, 1905)	<i>Macropus giganteus</i> ; pers. com. Mawson. <i>Macropus rufogriseus</i> ; Munday, 1966
Genus	<i>Breinlia</i>	
	<i>B. thylogali</i> (Mackerras, 1954)	<i>Thylogale billardieri</i> ; pers. com. Spratt.
	<i>B. robertsi</i> (Johnston & Mawson, 1938)	<i>Macropus rufogriseus</i> ; pers. com. Spratt.
	<i>B. sp.</i> (undescribed)	<i>Macropus rufogriseus</i> ; pers. com. Spratt.
	<i>B. sp.</i> (undescribed)	<i>Potorous apicalis</i> ; pers. com. Spratt.
	<i>B. sp.</i> (undescribed)	<i>Pseudocheirus peregrinus</i> ; Munday, 1966
	<i>Filaria sp.</i> (s. l.)	<i>Falco longipennis</i> ; Mackerras, 1962 <i>Petroica phoenicea</i> ; Mackerras, 1962 <i>Trichosurus vulpecula</i> ; Munday, 1966

	<u>PARASITE</u>	<u>HOST</u>
Phylum	ACANTHOCEPHALA	
	ACANTHOCEPHALA (? f., g., sp.,)	<i>Anas platyrhynchos</i> ; pers. com. Mawson. <i>Charadrius alexandrinus</i> ; pers. com. Mawson. <i>Lobibyx novaehollandiae</i> ; pers. com. Mawson. <i>Oxyura australis</i> ; pers. com. Mawson. <i>Corvus tasmanicus</i> ; pers. com. Edmonds.
Family	ECHINORHYNCHIDAE	
Genus	<i>Acanthocephalus</i>	
	<i>A. crinia</i> Snow, 1971	<i>Crinia tasmaniensis</i> ; Snow, 1971 <i>Crinia laevis</i> ; Snow, 1971 <i>Crinia signifera</i> ; Snow, 1971
Genus	<i>Plagiorhynchus</i>	
	<i>P. sp.</i>	<i>Charadrius alexandrinus</i> ; pers. com. Edmonds..

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## BIBLIOGRAPHY

- BEDDARD, F. E. (1911) Contributions to the anatomy and systematic arrangement of the Cestoidea II. On two new new genera of cestodes from mammals. *Proc. Zool. Soc. Lond.* 994-1018.
- BEDDARD, F. E. (1912) Contributions to the anatomy and systematic arrangement of the Cestoidea. V. On a new genus (*Dasyurotaenia*) the type of a new family. *Proc. Zool. Soc. Lond.* 677-695.
- CAMERON, T. W. M. (1931) On a species of trichostrongyle from the Tasmanian Devil. *J. helminth.* 9: 153-156.
- CROWCROFT, P. (1944) New trematodes from Tasmanian fishes. *Paps. Pro. Roy. Soc. Tas.*, 61-69.
- CROWCROFT, P. (1945) A description of *Sterrhurus macrorchis*, n. sp. with notes on the taxonomy of the genus *Sterrhurus*, Looss (Trematoda: Hemiuridae). *Paps. Pro. Roy. Soc. Tas.* 39-47.
- CROWCROFT, P. (1946a) Note on *Anthobothrium hickmani*, a new cestode from the Tasmanian Electric Ray (*Narcine tasmaniensis*, Richardson). *Paps. Proc. Roy. Soc. Tas.* 1-4.

- CROWCROFT, P. (1946b) Some digenetic trematodes from fishes of shallow Tasmanian waters. *Paps. Proc. Roy. Soc. Tas.* 5-25
- CROWCROFT, P. (1947a) A new digenetic trematode from the Barracouta (*Syncoeliidae* - *Digenia*). *Paps. Proc. Roy. Soc. Tas.* 49-57.
- CROWCROFT, P. (1947b) The anatomy of two digenetic trematodes from Tasmanian food fishes. *Proc. Linn. Soc. N.S.W.* 71; 108-118.
- CROWCROFT, P. (1949) A revised description of *Dolichopera macalpini* Nicoll, 1914 (*Plagiorchiidae*-trematoda). *Paps. Proc. Roy. Soc. Tas.* 73-76.
- CROWCROFT, P. (1950) Note on *Lintonium vibex* (Linton, 1899) (*Digenia* - Trematoda) *Parasitol.* 40: 316-321.
- HICKMAN, J. L. (1960) Cestodes of some Tasmanian Anura. *Ann. Mag. Nat. Hist.* 135, 3(25), 1-23.
- HICKMAN, V.V. (1934) On *Coitocaecum anaspidis* sp. nov., a trematode exhibiting progenesis in the freshwater crustacean *Anaspides tasmaniae* Thomson. *Parasitol.* 26: 121-128.
- HICKMAN, V.V. (1955) On *Maritrema ornithorhynchi* sp. n., a new trematode from the Monotreme *Ornithorhynchus anatinus* Shaw, with a key to the genus *Maritrema* Nicoll. *Rev. Iber. Parasitol., Granada. Tomo extraordinario.* pp. 181-191.
- HOWKINS, A. B. (1966) The role of Macropodidae in Tasmania as Intermediate Hosts in Hydatid Disease. *Aust. vet. J.* 42: 240-241.
- JOHNSTON, T. H. & MAWSON, P. M. (1940) New and known nematodes from Australian marsupials. *Proc. Linn. Soc. N.S.W.* 65: 468-476.
- JOHNSTON, T. H. & MAWSON, P. M. (1941a) Nematodes from Australian marine mammals. *Rec. S. Aust. Mus.* 6: 429-434.
- JOHNSTON, T. H. & MAWSON, P. M. (1941b) Some nematode parasites of Australian birds. *Proc. Linn. Soc. N.S.W.* 66: 249-256.
- JOHNSTON, T. H. & MAWSON, P. M. (1941c) Some nematodes from Australian birds of prey. *Trans. Roy. Soc. S. Austr.* 65: 30-35.
- JOHNSTON, T. H. & MAWSON, P. M. (1942) New and known Australian parasitic nematodes. *Proc. Linn. Soc. N.S.W.* 67: 90-94.
- MACKERRAS, M. J. (1958) Catalogue of Australian Mammals and Their Recorded Internal Parasites. *Proc. Linn. Soc. N.S.W.* 83: Part I. Monotremes and Marsupials, (pp. 101-125). Part II Eutheria (pp. 126-143).
- MACKERRAS, M. J. (1962) Filarial Parasites (Nematoda: Filarioidea) of Australian Animals. *Aust. J. Zool.* 10: 400-457.

- MAWSON, P. M. (1960) Nematodes belonging to the Trichostrongylidae, Subuluridae, Rhabdiasidae, and Trichuridae from bandicoots. *Aust. J. Zool.*, 8: 261-284.
- MAWSON, P. M. (1968) Two species of Nematoda (Spirurida: Spiruridae) from Australian dasyurids. *Parasitol.* 58: 75-78.
- MAWSON, P. M. (in press) Three new species of the genus *Cloacina* Linstow (Nematoda : Strongylata) from macropod marsupials. *Trans. Roy. Soc. S. Aust.* (in press).
- MUNDAY, B. L. (1966) Diseases of Tasmania's Free-Living Animals. *Tas. Dept. Agric., Res. Bull. No. 5*, p. 29 (with subsequent addenda).
- RANSOM, B. H. (1907) Tapeworm cysts (*Dithyridium cynocephali* n. sp.) in the muscles of a marsupial wolf, (*Thylacinus cynocephalus*). *Trans. Amer. Micr. Soc.* 27: 31-32.
- SANDARS, D. F. (1957) A new strigeid trematode from an Australian marsupial. *J. Helminth.* 31: 257-264.
- SANDARS, D. F. (1957) Redescription of some cestodes from marsupials. *Am. Trop. Med. Parasit.* 51: 317-329.
- SNOW, JENNIFER (1971) *Acanthocephalus crinia* n. sp. (Acanthocephala: Echinorhynchidea) from the cricket frog, *Crinia tasmaniensis* (Gunther). *Paps. Proc. Roy. Soc. Tas.*, 105: 145-149.
- SPASSKII, A. (1951) Essentials of Cestology. Vol. 1. Anoplocephalates. Ed. K. I. Skrjabin.
- SPRENT, J. F. A. (1970) *Baylisascaris tasmaniensis* sp. nov. in marsupial carnivores: heirloom or souvenir? *Parasitol.* 61: 75-86.
- SPRENT, J. F. A. (1971) A new genus and species of ascaridoid nematode from the marsupial wolf (*Thylacinus cynocephalus*). *Parasitol.* 63: 37-44.